

FIGURE 1

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Inventors:	C. Neal Stewart, Jr. Roxanne M. Broadway
Title:	CABBAGE PROTEINASE INHIBITOR GENE CONFERS RESISTANCE AGAINST PLANT PESTS
Serial No.:	To be assigned
Docket No.:	19603/2420 (CRF D-2354)
Express Mail No.:	EL709323722US

Sheet 1 of 7

MMXSTIFFLPLPCAF TTSTYLP S A I A D F V L D N E G N P L E N G G T Y Y I L S D I - - T 46
MMNPNMFFLL--AF TT V L A A T A N A G P V L D T D G D I I F D G S - Y Y V L P L I W G P 48
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TTINIEFESDIWPVCNELSKLWADVSS- - - -AAKEPAIIIGGESTAP 139

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 N R R S F P Q I K K - T E A X L N A Y R F V F C - - S E G N D C - - I D V G K N E E G G V R G L V L G 185
 N S L C K I E B A T R A - - N T Y K L - - - T T S Y G T V G T I P G P W L S A P Q L I V T 179

K N - - R P L V V Q P Q R L D K E S L A K K N H G L S R S E 216
 S S T - - R P F A T P F E V V F V K K A T G T D T S S K T M S J I 214
 N D E S K T L F V K F F V K V D D A A T K A T T S T S R V E K K L G L K M F P F Y 218

FIGURE 2

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Sheet 2 of 7

FIGURE 3

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Sheet 3 of 7

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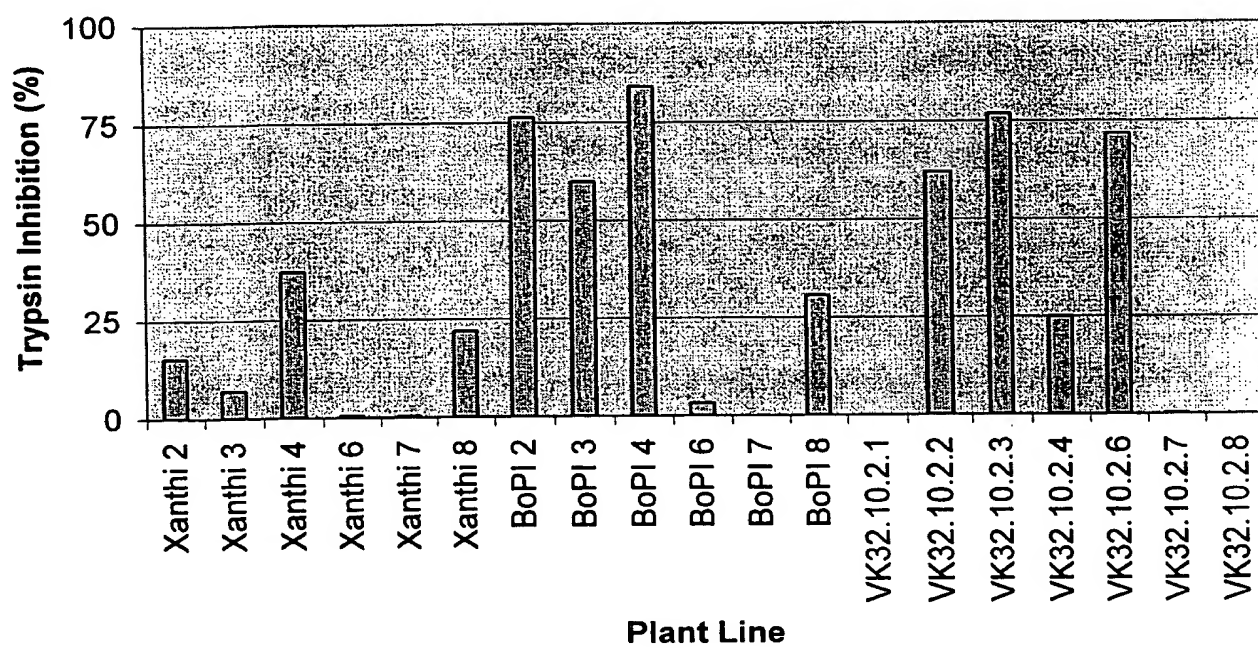


FIGURE 4

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Sheet 4 of 7

A bar graph showing the average length of larvae in millimeters (mm) for six different transgenes: Wild-Type, Bt, BoPI, AT, AC, and AE. For each transgene, three bars represent different genotypes: CEW (stippled), TBW(YDK) (solid black), and TBW(YH-D2) (white). Error bars are included for each bar. The y-axis ranges from 0 to 8 mm. The x-axis is labeled 'Transgene'.

Transgene	CEW (mm)	TBW(YDK) (mm)	TBW(YH-D2) (mm)
Wild-Type	~5.4	~4.2	~4.1
Bt	~1.2	~0.8	~0.8
BoPI	~2.0	~1.2	~3.2
AT	~2.3	~2.4	~2.1
AC	~3.8	~2.3	~1.6
AE	~1.8	~2.4	~1.7

FIGURE 5

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Sheet 5 of 7

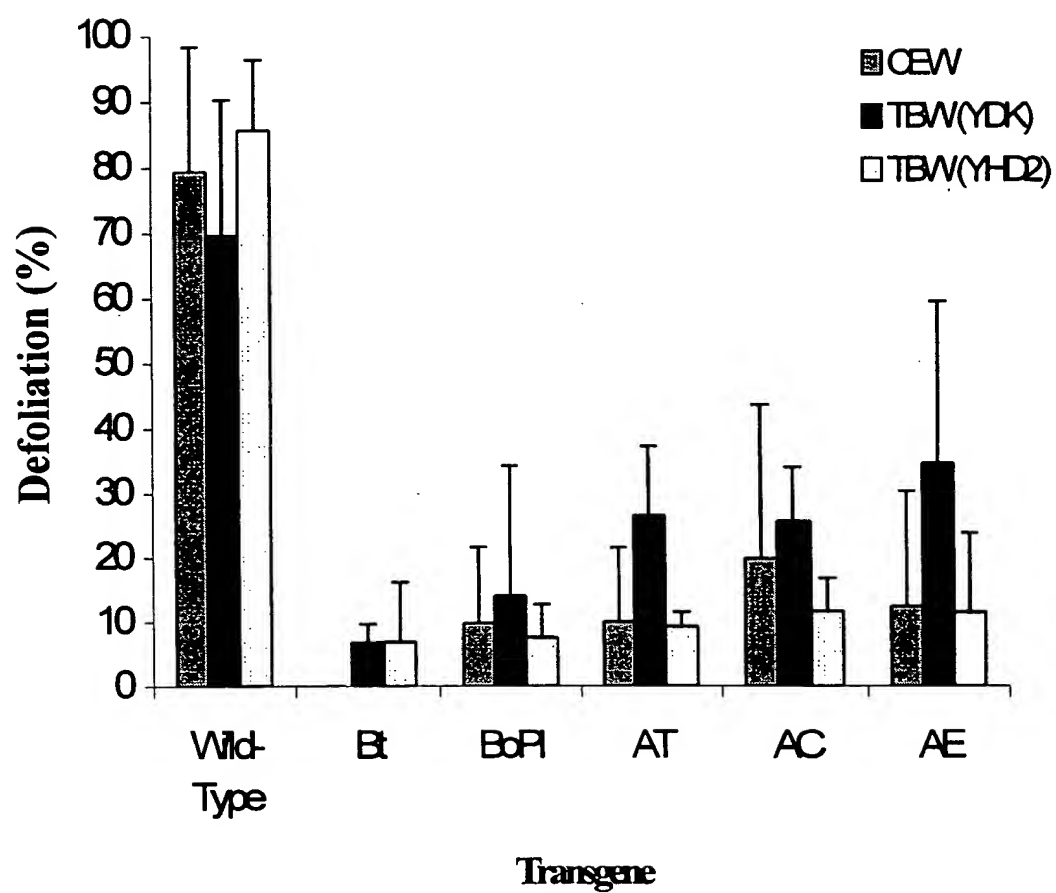


FIGURE 6

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Sheet 6 of 7

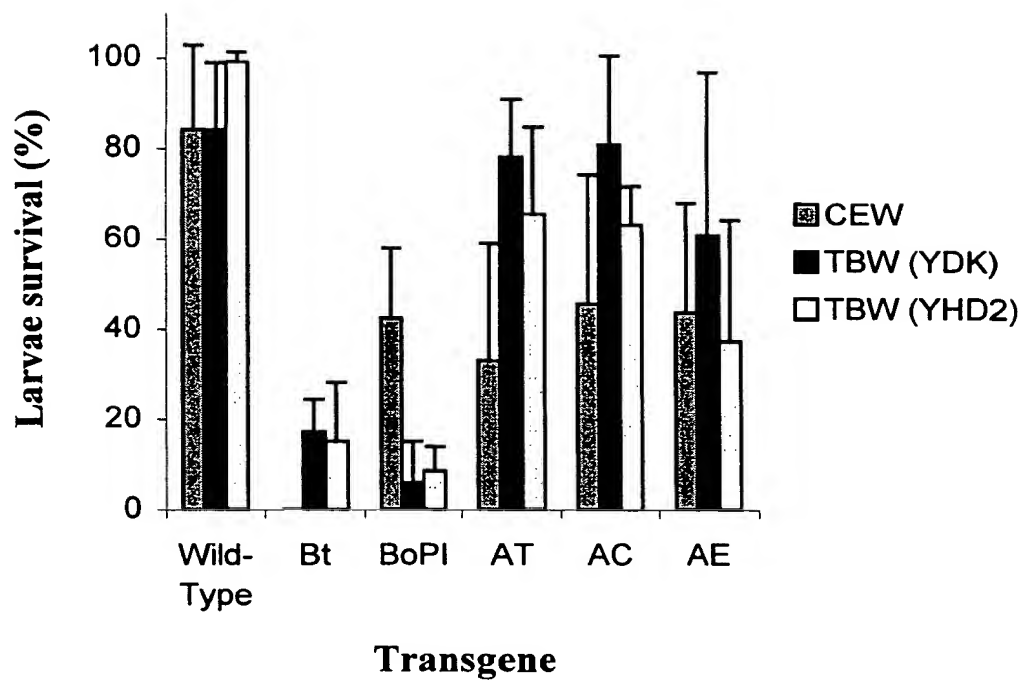


FIGURE 7

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Sheet 7 of 7